Electronic Acknowledgement Receipt					
EFS ID:	3243609				
Application Number:	10782649				
International Application Number:					
Confirmation Number:	5508				
Title of Invention:	METHOD AND APPARATUS FOR RELIABLE MULTICAST DISTRIBUTION				
First Named Inventor/Applicant Name:	Zheng Yang 58406 Barry W. Chapin/Pina L. Butler Barry W. Chapin CIS03-58(8290)				
Customer Number:					
Filer:					
Filer Authorized By:					
Attorney Docket Number:					
Receipt Date:	01-MAY-2008				
Filing Date:	19-FEB-2004				
Time Stamp:	20:51:06				
Application Type:	Utility under 35 USC 111(a)				
Payment information:					
Submitted with Payment	yes				
Payment Type	Credit Card				
Payment was successfully received in RAM	\$1440				
BAM confirmation Number	3906				

Submitted with Payment	yes		
Payment Type	Credit Card		
Payment was successfully received in RAM	\$1440		
RAM confirmation Number	3896		
Deposit Account	503735		
Authorized User	CHAPIN,BARRY W.		

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	CIS03-58-8290-ISSUE-FEE. pdf	232403	no	1
			53b033b4c621d65d674l3b41b055521e c9791977		

Warnings:

Information:

mornation.						
	Fee Worksheet (PTO-06)	fee-info.pdf	8178	no	2	
2			4460-3492b362ba1cHc18717c278018c9 c63d22			

Warnings:

Information:

Total Files Size (in bytes):

240581

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.